

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:** Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-013166**Date Inspected:** 12-Apr-2010**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1700**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China

CWI Name:	Xu Xian Ping			CWI Present:	Yes	No	
Inspected CWI report:	Yes	No	N/A	Rod Oven in Use:	Yes	No	N/A
Electrode to specification:	Yes	No	N/A	Weld Procedures Followed:	Yes	No	N/A
Qualified Welders:	Yes	No	N/A	Verified Joint Fit-up:	Yes	No	N/A
Approved Drawings:	Yes	No	N/A	Approved WPS:	Yes	No	N/A
				Delayed / Cancelled:	Yes	No	N/A
Bridge No:	34-0006			Component:			

Summary of Items Observed:

On this day Caltrans OSM Quality Assurance (QA) Inspector Daniel Barrentine was present during the times noted above for observations relative to the fabrication of the SAS Superstructure being performed by Zhen Hua Port Machinery Company (ZPMC) at Chang Xing Island in Shanghai, China. QA Inspector observed and/or found the following:

NDE Inspections:

This inspector performed conventional ultrasonic examination, UT, on Section 7AW to 7BW Transverse splice, at the counter weight side, side plate joint. This weld is identified as OBW7B-001 and OBW7B-002. This inspection was after ZPMC and ABF UT inspections, and to verify the indications found during these inspections. No additional indications were recorded by this inspector. For more information on this UT inspection, see the ABF UT report for this weld.

This inspector performed conventional ultrasonic examination, UT, on Section 7AW to 7BW Transverse splice, at the cross beam side, side plate joint. This weld is identified as OBW7B-004, and OBW7B-005. This inspection was after ZPMC and ABF UT inspections, and to verify the indications found during these inspections. No additional indications were recorded by this inspector. For more information on this UT inspection, see the ABF UT report for this weld.

This inspector performed conventional ultrasonic examination, UT, on Section 7AW to 7BW Transverse splice, at the deck plate joints. This weld is identified as OBW7-002, OBW7-003, and OBW7-004. This inspection was

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after ZPMC and ABF UT inspections, and to verify the indications found during these inspections. No additional indications were recorded by this inspector. For more information on this UT inspection, see the ABF UT report for this weld.

This inspector performed conventional ultrasonic examination, UT, on Section 7AW to 7BW Transverse splice, at the bottom plate to side plate joints. This weld is identified as SEG033A-004, and SEG035A-031. This inspection was after ZPMC and ABF UT inspections, and to verify the indications found during these inspections. One additional indication was recorded by this inspector and added to the ABF UT report. For more information on this UT inspection, see the ABF UT report for this weld.

Unless otherwise noted, all work performed on this day appeared to comply with the applicable contract documents.

Summary of Conversations:

No Relevant Conversations.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang 15000422372, who represents the Office of Structural Materials for your project.

Inspected By:	Barrentine,Daniel	Quality Assurance Inspector
Reviewed By:	Carreon,Albert	QA Reviewer
